AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A pressable explosive composition, comprising:

substantially uncoated fuel particles constituting at least 40 weight percent of the pressable explosive composition;

a nitramine being mechanically blended with the substantially uncoated fuel particles; and

a binder coating the nitramine.

2. (Original) A pressable explosive composition according to claim 1, wherein the binder constitutes about 1 to about 6 weight percent of the pressable explosive composition.

3. (Original) A pressable explosive composition according to claim 1, wherein the substantially uncoated fuel particles are selected from the group consisting of aluminum, magnesium, magnalium, and combinations thereof.

4. (Original) A pressable explosive composition according to claim 1, wherein the substantially uncoated fuel particles constitute about 50 to about 70 weight percent of the pressable explosive composition.

5. (Original) A pressable explosive composition according to claim 1, wherein the substantially uncoated fuel particles constitute about 60 to about 70 weight percent of the pressable explosive composition.

6. (Currently Amended) A pressable explosive composition according to claim 1, wherein the substantially uncoated fuel particles ~~have~~ include an average particle diameter of about 1 micron to about 5 microns.

7. (Original) A pressable explosive composition according to claim 1, wherein the nitramine comprises a member selected from HMX and RDX.

8. (Original) A pressable explosive composition according to claim 1, further comprising an ionic salt oxidizer coated with the binder.

9. (Original) A pressable explosive composition according to claim 7., wherein the substantially uncoated fuel particles, the nitramine, and the ionic salt oxidizer collectively constitute from about 92 weight percent to about 99 weight percent of the pressable explosive composition.

10. (Currently Amended) A pressed thermobaric explosive, comprising:

free fuel particles constituting at least 40 weight percent of the pressed thermobaric explosive;

a nitramine being mechanically blended with the free fuel particles; and

a binder coating the nitramine.

11. (Original) A pressed thermobaric explosive according to claim 10, wherein the binder constitutes about 1 to about 6 weight percent of the pressed thermobaric explosive.

12. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the free fuel particles are selected from ~~the group consisting~~ at least one of aluminum, magnesium, and magnalium~~, and combinations thereof~~.

13. (Original) A pressed thermobaric explosive according to claim 10, wherein the free fuel particles constitute about 50 to about 70 weight percent of the pressed thermobaric explosive.

14. (Original) A pressed thermobaric explosive according to claim 10, wherein the free fuel particles constitute about 60 to about 70 weight percent of the pressed thermobaric explosive.

15. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the free fuel particles ~~have~~ include an average particle diameter of about 1 micron to about 5 microns.

16. (Currently Amended) A pressed thermobaric explosive according to claim 10, further comprising an ionic salt oxidizer being coated with the binder.

17. (Original) A pressed thermobaric explosive according to claim 16, wherein the free fuel particles, the nitramine, and the ionic salt oxidizer constitute from about 92 weight percent to about 99 weight percent of the pressed thermobaric explosive.

18. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has an equal or lesser~~ includes an electrostatic discharge sensitivity no greater than an electrostatic discharge sensitivity of RDX.

19. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has~~ includes a frictional sensitivity less than 235 psig as measured by an ABL sliding friction test.

20. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has~~ includes a frictional sensitivity less than 420 psig as measured by an ABL sliding friction test.

21. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has~~ includes a compressive strength greater than 42,000 psi.

22. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has~~ includes a compressive strength greater than 45,000 psi.

23. (Currently Amended) A pressed thermobaric explosive according to claim 10, wherein the pressed thermobaric explosive ~~has~~ includes a compressive strength greater than 50,000 psi.

24. (Currently Amended) An article of manufacture, comprising:

a pressed thermobaric explosive, the pressed thermobaric explosive ~~comprising~~ comprises at least 40 weight percent of free fuel particles~~,~~;

a nitramine being mechanically blended with the free fuel particles~~,~~; and

a binder coating the nitramine.

25. (Original) An article of manufacture according to claim 24, wherein the binder comprises about 1 to about 6 weight percent of the pressed thermobaric explosive.

26. (Currently Amended) An article of manufacture according to claim 24, wherein the article comprises a projectile comprising a warhead ~~containing~~ including the pressed thermobaric explosive, a motor comprising a case and a propellant housed in the case, and a nozzle assembly associated with the motor for generating thrust and propelling the warhead.

27. (Original) An article of manufacture according to claim 24, wherein the article comprises a hand grenade.

28. (Currently Amended) An article of manufacture according to claim 24, wherein the free fuel particles are selected from ~~the group consisting~~ at least one of aluminum, magnesium, and magnalium~~, and combinations thereof~~.

29. (Orignal) An article of manufacture according to claim 28, wherein the free fuel particles constitute about 50 to about 70 weight percent of the pressed thermobaric explosive.

30. (Original) An article of manufacture according to claim 28, wherein the free fuel particles constitute about 60 to about 70 weight percent of the pressed thermobaric explosive.

31. (Currently Amended) An article of manufacture according to claim 28, wherein the free fuel particles ~~have~~ include an average particle diameter of about 1 micron to about 5 microns.

32. (Original) An article of manufacture according to claim 28, further comprising an ionic salt oxidizer.

33. (Currently Amended) An article of manufacture according to claim 32, wherein the free fuel particles, the nitramine, and the ionic salt oxidizer ~~constitute~~ comprise from about 92 weight percent to about 99 weight percent of the pressed thermobaric explosive.

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47. (New) The pressed thermobaric explosive according to claim 10, wherein said free fuel particles are unencapsulated free fuel particles.

48. (New) The A pressed thermobaric explosive, comprising:

free fuel particles;

a nitramine being mechanically blended with the free fuel particles; and

a binder coating the nitramine,

wherein said free fuel particles are at least 40 total weight percent of said pressed thermobaric explosive.